

09/752957  
STN Search Summary

=> d his

FILE 'CAPLUS' ENTERED AT 15:04:31 ON 01 JUL 2003

L1 105 S BIOTIN (2W) SYNTHASE  
L2 2 S L1 AND INTEGRAT?  
L3 9 S L1 AND REVIEW/DT  
L4 9 S L1 AND YEAST

L2 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS  
AN 2003:435228 CAPLUS  
TI Yeast with high biotin productivity and the preparation method thereof  
IN Shiuan, David  
SO U.S. Pat. Appl. Publ., 20 pp.  
PATENT NO. KIND DATE APPLICATION NO. DATE  
-----  
PI US 2003104584 A1 20030605 US 2001-752957 20010102  
PRAI TW 2000-89120972 A 20001007

L4 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2003 ACS  
AN 2001:817227 CAPLUS  
TI Cloning, sequences and recombinant expression of plant biotin  
synthases  
IN Allen, Stephen M.; Kinney, Anthony J.; Miao, Guo-hua; Orozco, Emil M.  
PA USA  
SO U.S. Pat. Appl. Publ., 46 pp.  
PATENT NO. KIND DATE APPLICATION NO. DATE  
-----  
PI US 2001039042 A1 20011108 US 2000-740288 20001219  
PRAI US 1999-172929P P 19991221

L4 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2003 ACS  
AN 2001:320128 CAPLUS  
TI Recombinant Escherichia coli and Saccharomyces cerevisiae expressing  
enzymes required for production of precursors (such as methylmalonyl CoA)  
needed for synthesis of polyketides  
IN Santi, Daniel; Peck, Larry; Dayem, Linda; Kealey, James  
PA Kosan Biosciences, Inc., USA  
SO PCT Int. Appl., 97 pp.  
PATENT NO. KIND DATE APPLICATION NO. DATE  
-----  
PI WO 2001031035 A2 20010503 WO 2000-US29775 20001027  
WO 2001031035 A3 20011122  
EP 1224300 A2 20020724 EP 2000-972384 20001027  
JP 2003512073 T2 20030402 JP 2001-533170 20001027  
US 2002142401 A1 20021003 US 2001-942407 20010829  
PRAI US 1999-161703P P 19991027  
US 1999-161414P P 19991025  
US 2000-206082P P 20000518  
US 2000-699136 A3 20001027  
WO 2000-US29775 W 20001027

L4 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2003 ACS  
 AN 1997:751564 CAPLUS  
 TI Sequencing and functional annotation of the *Bacillus subtilis* genes in the  
 200 kb *rrnB*-*dnaB* region  
 AU Lapidus, Alla; Galleron, Nathalie; Sorokin, Alexei; Ehrlich, S. Dusko  
 SO Microbiology (Reading, United Kingdom) (1997), 143(11), 3431-3441

L4 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2003 ACS  
 AN 1996:596261 CAPLUS  
 TI Biotin synthase from *Arabidopsis thaliana*. cDNA  
 isolation and characterization of gene expression  
 AU Patton, David A.; Johnson, Marie; Ward, Eric R.  
 SO Plant Physiology (1996), 112(1), 371-378

L4 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2003 ACS  
 AN 1996:224383 CAPLUS  
 TI Biotin synthesis in higher plants: Isolation of a cDNA encoding  
*Arabidopsis thaliana* *bioB*-gene product equivalent by functional  
 complementation of a biotin auxotroph mutant *bioB105* of *Escherichia coli*  
*K12*  
 AU Baldet, Pierre; Ruffet, Marie-Line  
 SO Comptes Rendus de l'Academie des Sciences, Serie III: Sciences de la Vie  
 (1996), 319(2), 99-106

L4 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2003 ACS  
 AN 1994:155454 CAPLUS  
 TI The gene for biotin synthase from *Saccharomyces*  
*cerevisiae*: cloning, sequencing, and complementation of *Escherichia coli*  
 strains lacking biotin synthase  
 AU Zhang, Shuguang; Sanyal, Indrajit; Bulboaca, Gabriella H.; Rich,  
 Alexander; Flint, Dennis H.  
 SO Archives of Biochemistry and Biophysics (1994), 309(1), 29-35

L4 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2003 ACS  
 AN 1993:513125 CAPLUS  
 TI Bioconversion of dethiobiotin to biotin by a cell-free system of a *bioYB*  
 transformant of *Bacillus sphaericus*  
 AU Fujisawa, Ayumi; Abe, Takaharu; Ohsawa, Ikuro; Kamogawa, Kouichi; Izumi,  
 Yoshikazu  
 SO FEMS Microbiology Letters (1993), 110(1), 1-4